

PATENT COOPERATION TREATY

PCT/GB99/03751

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents
United States Patent and Trademark
Office
Box PCT
Washington, D.C.20231
ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 23 June 2000 (23.06.00)	
International application No. PCT/GB99/03751	Applicant's or agent's file reference N.75597A SLS
International filing date (day/month/year) 11 November 1999 (11.11.99)	Priority date (day/month/year) 11 November 1998 (11.11.98)
Applicant SHOTTON, David, Michael et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:
19 May 2000 (19.05.00)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Pascal Piriou
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38

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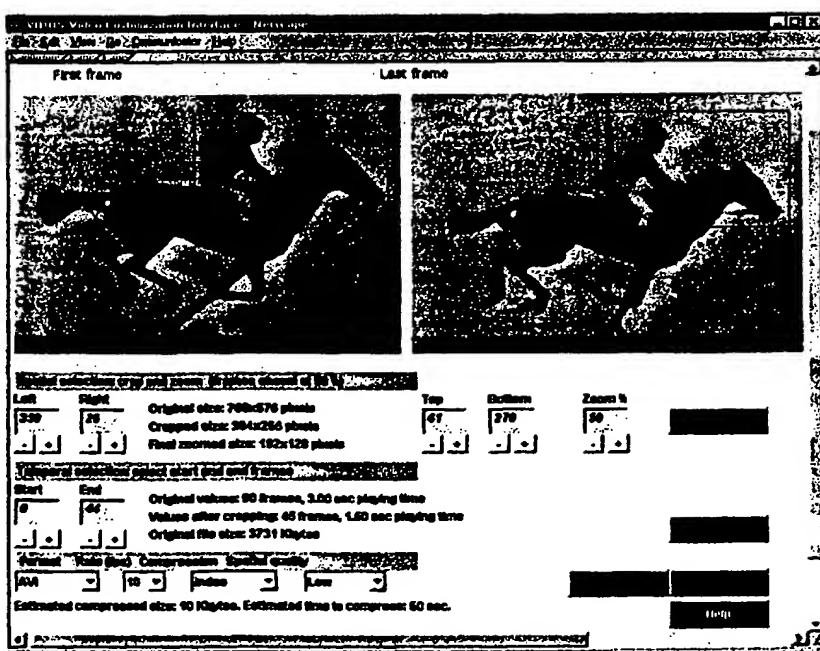
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : H04N 7/173		A1	(11) International Publication Number: WO 00/28741
			(43) International Publication Date: 18 May 2000 (18.05.00)
(21) International Application Number: PCT/GB99/03751 (22) International Filing Date: 11 November 1999 (11.11.99) (30) Priority Data: 9824783.6 11 November 1998 (11.11.98) GB (71) Applicant (for all designated States except US): ISIS INNOVATION LIMITED [GB/GB]; Ewert House, Ewert Place, Summertown, Oxford OX2 7BZ (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): SHOTTON, David, Michael [GB/GB]; 34 Kirk Close, Oxford OX2 8JN (GB). BOUDIER, Thomas [FR/FR]; 6, rue de Belleville, F-75020 Paris (FR). (74) Agents: SMITH, Samuel, Leonard et al.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).		(81) Designated States: CA, JP, KR, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.	

(54) Title: METHOD AND DEVICE FOR RETRIEVING CUSTOMIZED MOVING IMAGE DATA FROM A REMOTE SOURCE AND A MOVING IMAGE DATA SOURCE FOR REMOTE RETRIEVAL

(57) Abstract

A method of retrieving customized moving image data (videos, movies, animations, etc., herein referred to as video data) from a remote source, a device for retrieving the customized video data, and a remote source of customized video data, wherein the method comprises selecting an original video data file present on a distant network server, retrieving from the source an image of the original video data and information concerning the original video data, specifying parameters determining the desired spatial, temporal, auditory, visual and format characteristics of the customized video data and sending these parameters to the source, and receiving customized video data transmitted by the source on the basis of the specified customization parameters.



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Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

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EE	Estonia	LR	Liberia	SG	Singapore		

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 99/03751

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/173

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 41021 A (ERICSSON TELEFON AB L M) 17 September 1998 (1998-09-17)	1-4, 8
Y	page 5, line 22 - line 27 page 8, line 22 - page 9, line 1 page 11, line 19 - line 28 ---	6-12
X	EP 0 803 826 A (SUN MICROSYSTEMS INC) 29 October 1997 (1997-10-29) page 3, line 27 - line 36 page 5, line 17 - line 24 --- -/--	1-3, 6-8, 10, 12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

3 February 2000

Date of mailing of the international search report

15/02/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
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Authorized officer

Sindic, G

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 99/03751

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>DE JONG A., HSING K., SU D.: "A VOD Application Implemented in Java" MULTIMEDIA TOOLS AND APPLICATIONS, vol. 5, no. 2, September 1997 (1997-09), pages 161-170, XP002129581</p> <p>page 162, paragraph 2</p> <p>page 163, paragraph 2</p> <p>page 164, paragraph 6</p> <p>page 168, paragraph 5</p> <p>figure 5</p> <p>-----</p>	6-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 99/03751

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9841021 A	17-09-1998	AU 6427298 A	29-09-1998
		EP 0966838 A	29-12-1999
EP 0803826 A	29-10-1997	JP 10108162 A	24-04-1998

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference N.75597A SLS	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/GB99/03751	International filing date (day/month/year) 11/11/1999	Priority date (day/month/year) 11/11/1998
International Patent Classification (IPC) or national classification and IPC H04N7/173		
Applicant ISIS INNOVATION LIMITED et al.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.



2. This REPORT consists of a total of 11 sheets, including this cover sheet.

- ☐ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☒ Certain defects in the international application
- VIII ☒ Certain observations on the international application

Date of submission of the demand 19/05/2000	Date of completion of this report 29.12.2000
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized officer Loeser, E Telephone No. +49 89 2399 8482 

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB99/03751

I. Basis of the report

1. This report has been drawn on the basis of *(substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments (Rules 70.16 and 70.17).)*:

Description, pages:

1-14 as originally filed

Claims, No.:

1-13 as originally filed

Drawings, sheets:

1-2 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
- ☐ the claims, Nos.:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

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☐ the drawings, sheets:

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes:	Claims 6,7,9-13
	No:	Claims 1-5,8
Inventive step (IS)	Yes:	Claims
	No:	Claims 1-13
Industrial applicability (IA)	Yes:	Claims 1-13
	No:	Claims

2. Citations and explanations
see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:
see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:
see separate sheet

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/GB99/03751

1. General

The present application does not satisfy the criteria set forth in Articles 6, 33(2) and 33(3) PCT. Details of the objections are set out below.

The claimed subject-matter is industrially applicable.

2. Concerning Section VIII - Art. 6 PCT:

2.1. Claim 1

The claim fails to meet the requirement of clarity set out in Article 6 PCT, for the following reasons:

(a) The claim (p.15 l.6) specifies "requesting an image of video data". However, it is not clear whereto (the remote source?) the request is directed, and whether "video data" correspond to the "particular video data file" (p.15 l.5), presumably to be retrieved from the remote source.

(b) The claim (p.15 l.8) specifies "retrieving from the source the image of the video data ...". However, it is not clear

- whereto the image is retrieved (is it retrieved to the location from where the specifying or the request was effected, or is it retrieved from the remote source to remain at that location?), and

- whether the image of video data represents the "particular video data file".

(c) In this context, the term "an image of the video data" is ambiguous (is it a specific image frame, or does it mean the full video data file as stored at the source?). It is to be noted that the term's meaning cannot at present be interpreted as a "preview" of the video data.

(d) The claim (p.15 l.14) specifies "receiving video data

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/GB99/03751

transmitted by the source ...". In this context, it is not clear whether these video data represent the "particular video data file" or parts thereof.

2.2. Claim 2

(a) The substance of the objections raised in paragraph 2.1 above against features of claim 1 correspondingly applies to respective features of claim 2.

(b) The device of claim 2 appears to exclusively comprise means that are located at a user's premises (means for specifying/requesting, means for receiving, means for transmitting parameters, means for retrieving data supplied from the source). However, the claimed "device for retrieving" fails to include all the means that are essential for the retrieval of the desired data in the desired format from the remote source.

That is, the claim fails to comprise means at the remote source which e.g. receive the specification/request, perform the customization accordingly, and transmit the customized data to the user's control apparatus. In this context, the claim should define a system rather than a device.

However, if the claim were defined as "A device for requesting and receiving customized video data retrieved from a remote source, the objection raised above would become unnecessary.

2.3. Claim 3

The claim contravenes Art. 6 PCT for the following reasons:

(a) The claim appears to be directed to an apparatus. However, the claim fails to provide a single technical apparatus feature as required by Article 6 and Rule 6.3(a) PCT. Moreover, the merely functional features and method steps provided by the claim cast doubt upon the claim's category. Consequently, the

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EXAMINATION REPORT - SEPARATE SHEET**

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claim contravenes Art. 6 PCT due to lack of clarity.

(b) Feature (b) specifies "transmitting to the user the image of the video data ...", and feature (d) specifies "transmitting to the user video data from the original video data after customization ...". Thus, both the full set of video data and customized portions thereof appear to be transmitted to the user. The transmission of the full set of video data appears to be in contradiction to the declared advantage of avoiding unnecessary data transfer (see p.4 1.6 - p.5 1.10).

2.4. Claim 6

The claim additionally specifies "wherein the video data is retrieved over a network or the internet". This gives rise to the following objections under Art. 6 PCT (clarity):

(a) When depending upon claim 1, this feature casts doubt on the meaning of the terms "retrieving" and "receiving" in claim 1. This is because one can assume that the retrieving claimed in claim 1 is fully carried out at the remote source, whereas the retrieving mentioned in claim 6 appears to pertain to retrieving from the remote source to a user's location.

(b) When depending upon claim 3 which does not mention any retrieving, the claim's intended scope of protection is fully obscure.

(c) The claim's specification as "a method, device or source according to any preceding claim" includes the interpretation of e.g. "a method according to the device according to claim 2", which casts doubt upon the claim's category. This objection correspondingly applies also to other ones of the dependent claims.

2.5. Claim 7

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The claim contravenes Art. 6 PCT for the following reasons:

- (a) The claim fails to provide any clear restriction on the method of claim 1.
- (b) The claim fails to provide any clear restriction on the apparatus of claim 2, taking into account that "the source" does not appear to be comprised in the claimed apparatus.

2.6. Claims 8, 9

The claim contravenes Art. 6 PCT for the following reasons:

- (a) In claims 1 and 2, there is specified a remote source, but not a remote user. The term "the remote user" lacks an antecedent in claim 1 and therefore casts doubt upon the intended scope of protection of claims 8 and 9.
- (b) According to the normal interpretation, the term "user" means a person, not an apparatus such as the computer terminal of claim 8.
- (c) Claim 9 fails to provide any clear restriction on the apparatus of claim 2, taking into account that "the source" does not appear to be comprised in the claimed apparatus. Reference is made in this context to the objection raised in paragraph 2.2.(b) above.

2.7. Claim 11

The broadly-termed additional features of claim 11 fail to set out clearly the intended technical limitations. Thus Article 6 PCT is contravened.

2.8. Claim 12

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The term "remote users" is not present in claims 1 and 2 upon which claim 12 depends. Moreover, claim 12 fails to provide a clear technical limitation on the scope of protection of any of claims 1, 2 and 3. Thus the claim contravenes Art. 6 PCT.

2.9. Claim 13

Claim 13 defines by its additional features what parameters a user may conceive and specify when using the method of claim 1, the apparatus of claim 2, or the source according to claim 3. However, the claim fails to define that these are the parameters that are effectively transmitted from the user to the remote source and processed therein for the purpose of customization. Thus, a technical limitation by these additional features of the subject-matter of any of claims 1, 2 or 3 cannot be identified. Consequently, claim 13 lacks clarity (Art. 6 PCT contravened).

3. Concerning Section V - Articles 33(2) and 33(3) PCT

The following documents are cited:

D1: WO-A-98/41021;

D2: EP-A-0 803 826;

D3: Multimedia Tools and Applications, vol.5 no.2, 1997, pp. 161-170.

3.1. Claim 1

D1 (abstract; Fig.2; p.5 lines 22-28; p.10 lines 16-29) discloses a video transmission system, eg for use in teleconferencing. A user of the system may control parameters of transmitted video. Accordingly, the system enables retrieval of customized video data from a remote source and directly anticipates features (c) and (d) of claim 1 on file.

The full set of features (a) and (b) of claim 1 is not literally disclosed in D1.

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/GB99/03751

However, in view of the deficiencies identified above of claim 1 with respect to clarity, it is considered that D1 also anticipates features (a) and (b) due to its implicit disclosure.

This is because D1 discloses that a user may request and thus specify a specific number of images (p.10), and discloses that a user can adjust parameters of the video data which requires that the actual parameters are transmitted from the source to the user prior to issuing adjustment commands.

Thus claim 1 contravenes Article 33(2) and 33(3) PCT.

It is to be noted that these findings are at least partly the result of obscure wording in claim 1. It is to be noted that D1 does not disclose a true video file server or the like which would require respective storage means at the remote location. Moreover, as to the "information concerning the video data", D1 does not appear to disclose anything other than parameter information.

It is further to be noted that D2 discloses a video on-demand file server in which not only video files but also titles are transmitted, the titles concerning the video file data. Even if one contested that all of the features of claim 1 are anticipated by D1, the teachings of D1 and D2 in combination with the normal skills of the skilled person were to be considered such that the claimed features are obvious from the combination.

3.2. Claims 2, 3

The objections raised in paragraph 3.1 against claim 1 correspondingly apply to claims 2 and 3.

3.3. Dependent claims 4-13

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The additional features of claims 4, 5 and 8 are at least implicitly anticipated by D1, so that these claims contravene Art. 33(2) PCT.

The additional features of claims 6 and 7 are not disclosed in D1, but considered to represent design options that were obvious to the skilled person implementing the design of claim 1. Accordingly, these claims contravene Art. 33(3) PCT. This is supported by the disclosure of D2 (Fig.1) disclosing a network.

D2 (e.g. abstract; p.4 lines 32-37) further discloses Java applets being provided from the source to a multimedia document viewer 202. Therefore, the additional subject-matter of claims 9 and 10 is anticipated, and the claims contravene Art. 33(3) PCT.

In this context, it is to be noted that the skilled person implementing the design of D1 and seeking alternatives or improvements thereto would have considered the teachings of D2 for combination with those of D1.

As to claim 11 mentioning auditory characteristics, adjustment of such characteristics is obvious from D1, taking into account that the document refers to teleconferencing in which adjusting both visual and auditory characteristics is an obvious issue. This also holds for the multimedia server disclosed in D2. Thus, the additional features of claim 10, as far as they can be understood, cannot be associated with an inventive step, and the claim contravenes Art. 33(3) PCT.

The additional features of claim 12 are anticipated by D2, so that the claim contravenes Art. 33(3) PCT.

The additional features of claim 13 are considered to represent obvious options of a designer/user of a system designed on the basis of a combination of the disclosures of D1 and D2.

**INTERNATIONAL PRELIMINARY
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International application No. PCT/GB99/03751

4. Concerning Section VII: Description and other belongings

The claims are not cast in the two-part form as instructed by Rule 6.3(b) PCT.

The claims are not complemented with reference signs as required by Rule 6.2(b) PCT.

A document reflecting the prior art described on page 1 is not identified in the description (Rule 5.1(a)(ii) PCT).

Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the documents D1-D3 cited above is not mentioned in the description, nor are these documents identified therein.

PCT

PI

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference N.75597A SLS	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 99/ 03751	International filing date (day/month/year) 11/11/1999	(Earliest) Priority Date (day/month/year) 11/11/1998
Applicant ISIS INNOVATION LIMITED et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☒ because this figure better characterizes the invention.

4
☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB 99/03751

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/173

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 41021 A (ERICSSON TELEFON AB L M) 17 September 1998 (1998-09-17)	1-4, 8
Y	page 5, line 22 - line 27 page 8, line 22 - page 9, line 1 page 11, line 19 - line 28	6-12
X	EP 0 803 826 A (SUN MICROSYSTEMS INC) 29 October 1997 (1997-10-29) page 3, line 27 - line 36 page 5, line 17 - line 24	1-3, 6-8, 10, 12
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"Z" document member of the same patent family

Date of the actual completion of the international search

3 February 2000

Date of mailing of the international search report

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>DE JONG A., HSING K., SU D.: "A VOD Application Implemented in Java" MULTIMEDIA TOOLS AND APPLICATIONS, vol. 5, no. 2, September 1997 (1997-09), pages 161-170, XP002129581 page 162, paragraph 2 page 163, paragraph 2 page 164, paragraph 6 page 168, paragraph 5 figure 5</p>	6-12

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Information on patent family members

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